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Date: _6/20/02_

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In the Specification

The paragraph beginning at the bottom of page 6 on line 21 should be amended as follows:

Using the rotated signal constellation, the real or I waveform points become expressible as linear functions of two bits [B1, B1'] <u>B2, B2'</u> and the imaginary or Q waveform points become expressible as linear functions of [B2, B2'] <u>B1, B1'</u>. Denoting the filtering operation by a function F, then the following relationship exists between the I and Q waveforms and the binary values B1, B1', B2, and B2':

In the Claims

Please amend claim 21 as follows:

21.   (Amended) A method for generating a modulation waveform for transmitting octal symbols, the modulation waveform comprising a real part and an imaginary part comprising:

inputting data symbols to a logic unit over a plurality of successive symbol periods, wherein each data symbol comprises a plurality of information bits:

forming in the logic unit at least two derived bits during each symbol period by combining selected information bits;

forming, during each symbol period, a plurality of bit sequences, each bit sequence containing bits input or derived over a plurality of symbol periods;

generating, during each symbol period, a plurality of filtered waveform segments using the bit sequences;

combining, during each symbol period, at least two of the filtered waveform segments to obtain a segment of the imaginary waveform part;

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combining, during each symbol period, at least two of the filtered waveform

segments to obtain a segment of the [imaginary] <u>real</u> waveform part.